



**Contractor**  
MWH Constructors

**Engineer**  
MWH Americas

**Project Construction Value**  
\$160 Million

**Project Completion Date**  
September 2011

## Project Highlights

- A new headworks facility
- A new raw sludge pump station
- Two new primary clarifiers
- New aeration basins and a blower building
- Four new secondary clarifiers with a RAS/WAS pump station
- A new chlorine contact basin and a new utility water pump station
- A new dechlorination building
- Two new anaerobic digesters and a digester control building
- A new sludge thickening building
- A new 9-foot diameter effluent pipeline to the Weber River

## Central Weber Wastewater Treatment Plant Upgrade and Expansion Ogden, UT

*The Central Weber Sewer Improvement District is nearing completion of constructing a \$160 million upgrade and expansion of its wastewater treatment plant. The following addresses frequently asked questions relating to the project.*

### What is the Central Weber Sewer Improvement District?

The Central Weber Sewer Improvement District (the "District") provides wastewater treatment for residents of Weber and Davis Counties. The treatment plant serves a population of approximately 213,000 people. The existing treatment facility is a single-stage trickling filter plant that was put into service in 1959 with a rated capacity of 45 mgd. With the expansion the two facilities combined will have an average daily flow capacity of 65 mgd.

### Why is the expansion and upgrade necessary?

The existing sewer treatment facilities were built 55 years ago and have exceeded their normal life expectancy.

The **expansion** is necessary to meet the increased demand for sewer services resulting from current and anticipated growth.

The **upgrade** will satisfy newly imposed discharge requirements from both the State of Utah Division of Water Quality and EPA. The necessity to improve discharge quality is independent of growth. Without the upgrade, the District could be in violation of established standards resulting in fines of up to \$100,000 per day.





### **What does the project include?**

The project is a parallel treatment train to the existing treatment plant. The majority of the construction is contracted to MWH Construction as a Construction Management/General Contractor. The construction phase includes approximately 58,000 cubic yards of poured in place concrete. At the peak, more than 200 construction personnel are onsite actively working.

### **Are there less costly or better alternatives?**

No. The Preliminary Engineering Design submitted by MWH, underwent a Value Engineering process whereby a group of independent engineers thoroughly evaluated all assumptions, treatment alternatives, designs, etc. Recommended improvements and changes were implemented and the resulting project is the one under construction.

### **What is the cost of the project?**

The estimated cost is \$160 million.

### **How will it be financed?**

A portion of the cost will be financed on a pay-as-you-go basis. The majority of the cost will be financed by issuing a series of tax-exempt bonds.

### **How will the bonds be repaid?**

Impact fees will offset a large part of the costs associated with expansion. However, taxes and monthly user rate charges will also be "pledged" as sources of repayment. While taxes will continue to be levied at their current levels, treatment charges billed to each city will be increased substantially.

### **Can new growth "shoulder" more of the burden?**

No. The District's Board of Trustees has already increased the impact fees to \$2,333 for each new residential permit issued. This amount represents the legal maximum permitted by Utah law.

### **How much will it cost me?**

It depends. Beginning July 2011 the District will charge each City an average of \$15.50 a month for each home's sewer treatment. This charge will increase 25% starting July 1, 2012 and will increase by approximately 12.5% the following year. You will likely see an increase in your monthly bill but such increase depends on how each City chooses to implement the sewer treatment increase.

### **What is the construction timetable and completion date?**

Preliminary site construction began in the fall of 2007 and is scheduled to be complete in September of 2011. Plant start up and commissioning will follow the completion of construction.

### **How can I find out more?**

By contacting the District at 801.731.3011. If necessary, additional information can be provided by the District's engineers, financial advisors, legal counsel, etc. Project construction updates can be found at: [www.centralweber.com](http://www.centralweber.com).

